




This model was previously released as AHC-06-ML-44-xx-CC.

HC-6ML44-xx-JJ

6 dB Hybrid Coupler | 698-2700 MHz | 4 in 4 out | Indoor/Outdoor | Low PIM

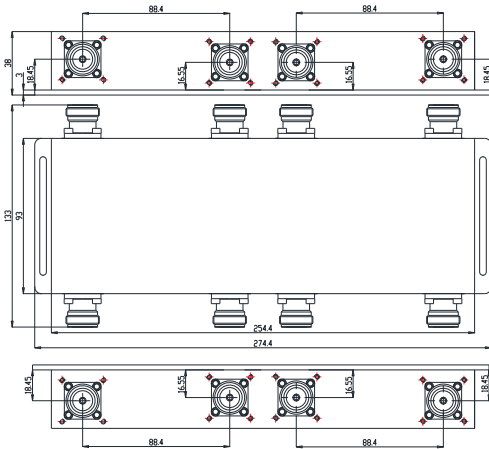
Ordering Options	4.3/10 Female Connector	7/16-DIN Female Connector	N Female Connector
Model Number (xx)	HC-6ML44-43F-JJ 	HC-6ML44-DF-JJ 	HC-6ML44-NF-JJ 
Electrical Characteristics			
Frequency Range	698-2700 MHz	698-2700 MHz	698-2700 MHz
Coupling Accuracy	6.1 ± 1 dB	6.1 ± 1 dB	6.1 ± 1 dB
Insertion Loss	0.5 dB	0.5 dB	0.5 dB
Return Loss	20 dB	20 dB	20 dB
Isolation	≥ 23 dB	≥ 23 dB	≥ 23 dB
VSWR	≤ 1.22	≤ 1.22	≤ 1.22
Average Power (max)	200 W	200 W	200 W
Peak Power (max)	1 kW	1 kW	1 kW
PIM3 (2x43 dBm)	≤ -153 dBc	≤ -153 dBc	≤ -153 dBc
Impedance	50Ω	50Ω	50Ω
Mechanical Characteristics			
Connector	4.3/10 Female	7/16-DIN Female	N Female
Dimensions (Length x Width x Depth)	274.4 x 133 x 38 mm	274.4 x 136.2 x 38 mm	274.4 x 128.6 x 38 mm
Weight	1.69 kg	2.14 kg	1.58 kg
Packing Dimensions (L x W x D)	300 x 170 x 45 mm	300 x 170 x 45 mm	300 x 170 x 45 mm
Packing Weight	1.84 kg	2.27 kg	1.73 kg
Environmental Characteristics			
Operating Temperature	-40° C to +65° C	-40° C to +65° C	-40° C to +65° C
Relative Humidity	≤ 95%	≤ 95%	≤ 95%
RoHs Compliant	yes	yes	yes
Application	Indoor / Outdoor	Indoor / Outdoor	Indoor / Outdoor
Ingress Protection	IP65	IP65	IP65

Quoted performance parameters are provided to offer typical, peak or range values only and may vary as a result of normal testing, manufacturing and operational conditions. Extreme operational conditions and/or stress on structural supports is beyond our control. Such conditions may result in damage to this product. Improvements to products may be made without notice.

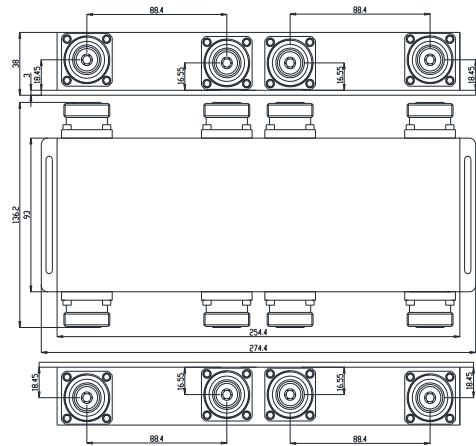
HC-6ML44-xx-JJ

6 dB Hybrid Coupler | 698-2700 MHz | 4 in 4 out | Indoor/Outdoor | Low PIM

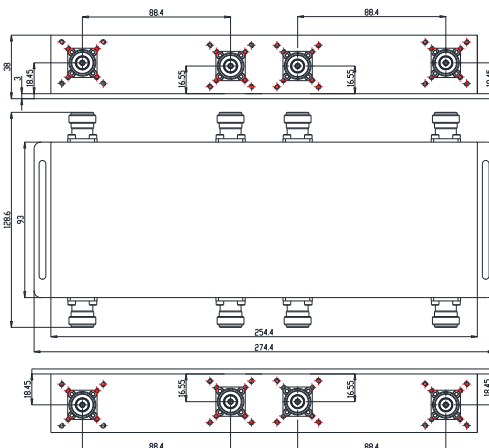
HC-6ML44-43F-JJ



HC-6ML44-DF-JJ



HC-6ML44-NF-JJ



Quoted performance parameters are provided to offer typical, peak or range values only and may vary as a result of normal testing, manufacturing and operational conditions. Extreme operational conditions and/or stress on structural supports is beyond our control. Such conditions may result in damage to this product. Improvements to products may be made without notice.